

Product datasheet for TP301228M

OriGene Technologies, Inc.

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DTYMK (NM_012145) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human deoxythymidylate kinase (thymidylate kinase) (DTYMK), 100

με

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC201228 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MAARRGALIVLEGVDRAGKSTQSRKLVEALCAAGHRAELLRFPERSTEIGKLLSSYLQKKSDVEDHSVHL LFSANRWEQVPLIKEKLSQGVTLVVDRYAFSGVAFTGAKENFSLDWCKQPDVGLPKPDLVLFLQLQLADA AKRGAFGHERYENGAFQERALRCFHQLMKDTTLNWKMVDASKSIEAVHEDIRVLSEDAIRTATEKPLGEL

WK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 23.6 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by

conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 036277

Locus ID: 1841





DTYMK (NM_012145) Human Recombinant Protein - TP301228M

UniProt ID: <u>P23919</u>, <u>Q6FGU2</u>

RefSeq Size: 1227 Cytogenetics: 2q37.3 RefSeq ORF: 636

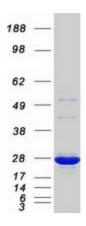
Synonyms: CDC8; PP3731; TMPK; TYMK

Summary: Catalyzes the conversion of dTMP to dTDP.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, Pyrimidine metabolism

Product images:



Coomassie blue staining of purified DTYMK protein (Cat# [TP301228]). The protein was produced from HEK293T cells transfected with DTYMK cDNA clone (Cat# [RC201228]) using

MegaTran 2.0 (Cat# [TT210002]).